

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-019839

(43)Date of publication of application : 23.01.1992

(51)Int.Cl.

G11B 7/26

G11B 11/10

(21)Application number : 02-121171

(71)Applicant : KAO CORP

(22)Date of filing : 14.05.1990

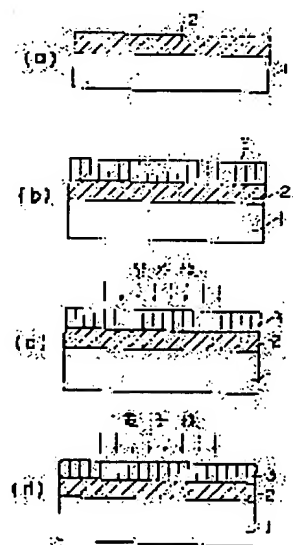
(72)Inventor : KAMIYAMA KENICHI  
ISHIKAWA ATSUSHI

## (54) PRODUCTION OF RECORDING MEDIUM

## (57)Abstract:

PURPOSE: To obviate the generation of corrosion in a recording layer even when the recording medium is exposed to a high-temp. and high-humidity atmosphere by providing a UV curing type resin material contg. a photopolymer, initiator on the recording layer, then subjecting the layer to irradiation with UV rays and irradiation with electron beams.

CONSTITUTION: After the recording layer 2 is formed on, for example, a polycarbonate substrate 1, a protective layer 3 is formed thereon. The layer is irradiated with about 300 to 1,500mJ/cm<sup>2</sup> UV rays and is then irradiated with about 0.5 to 3Mrad electron beams, by which the optical recording medium is obtd. The recording layer is irradiated with a proper quantity of the electron beams after the curing of the film is sufficiently executed by the UV rays in such a manner, by which the quantity of the residual double bonds of the overcoat layer on the recording layer side is further decreased and the steam barrier property of the film is improved. The corrosion of the recording layer is thus prevented and the durability is improved.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office